



NETWORK SECURITY ASSESSMENT FOR YOUR ORGANIZATION

JANUARY 1, 2016

Assessment Introduction

Lithik Systems, at the request of Your Organization, conducted a Network Security Assessment. The goal of this assessment was to identify the current state of the IT and computer system security. This report is the result of this work.

The report contains a list of findings and recommendations for remediation. It is intended to provide a follow-up to reports in order to address and improve findings.

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Vulnerability Assessment

High Priority Items

- Default Admin Credentials on Network Traffic:** The servers are configured to use default credentials for all IP ports. Unencrypted network traffic of the type allows administrators to see their system log of the unpatched "Remote Code Execution" flaw. Several patches were applied to the system, but the unpatched "Remote Code Execution" flaw is still present. This is a high priority item because it allows an attacker to execute arbitrary code on the server. The system should be patched to remove this vulnerability.
- Missing Patches on Internal Windows Computers:** Many updates are missing, as of 1/1/16. The system is not up to date. The system should be patched to remove this vulnerability. The system should be patched to remove this vulnerability.
- Vulnerable Third Party Software on Internal Computers:** A total of 10 missing patches were identified on applications installed on internal computers. The system should be patched to remove this vulnerability.

Summary

Overall, 15 were found to have some sort of vulnerability. 10 were high priority. All of the high priority items and 80% of the low priority items.

| Category | Critical | High | Medium | Low |
|----------|----------|------|--------|-----|
| System | 10 | 100 | 117 | 210 |
| Device | 1 | 20 | 10 | 11 |
| IP | 0 | 0 | 0 | 0 |
| Service | 0 | 0 | 1 | 1 |
| Port | 0 | 120 | 111 | 144 |

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Lithik's vulnerability assessments contain all the nitty gritty details, but they also break down how vulnerabilities would be exploited, and explain what measures are necessary to mitigate the risks. The audit starts with an explanation of what Lithik considers to be the most likely way for a hacker to breach your network, noting how each insecure setting or vulnerability interacts to make a compromise possible, and detailing any architectural changes needed to shut the door to unwanted intruders.

The next section of the assessment is a short list of the most pressing issues, complete with an explanation of why they pose a risk and how they can be corrected in a way that doesn't unduly disrupt daily business. If you still want more detail after that, follow the cross-references to more verbose explanations of individual issues further down in the audit.

Individual analyses of 53 different risk areas give you a strong understanding of what you're doing well, and what areas could be improved. We want to provide you with the most accurate assessment and understanding of your network that we possibly can, so don't be shy about asking questions! If you have further concerns or take issue with a finding, we're happy to discuss it with you and, if necessary, issue a revised report.

While we perform the audit, we are more than happy to give you a login and access to all the LSM's monitoring and reporting features. Our data gathering is performed with the same Lithik Security Manager our clients are raving about. We encourage you to look at the data we're basing our report on so that if we discover something unexpected, you're aware of it immediately. If we uncover a pressing issue like a breach or infection, we want you to know not a week or two down the road when you get the report. Once you're satisfied with the report and are focusing your attention on addressing the findings, feel free to turn on the LSM's patch and vulnerability mitigation features. Over the next two weeks, you will likely find a large portion of your mitigation has been done for you automatically.

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